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SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 17 88 90 60

Classification of the application (IPC):
G06F 17/15

Technical fields searched (IPC):
G06F

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	YU-HSIN CHEN ET AL: "Eyeriss: A Spatial Architecture for Energy-Efficient Dataflow for Convolutional Neural Networks" <i>2016 ACM/IEEE 43RD ANNUAL INTERNATIONAL SYMPOSIUM ON COMPUTER ARCHITECTURE (ISCA)</i> , 30 June 2016 (2016-06-30), DOI: 10.1109/ISCA.2016.40, ISBN: 978-1-4673-8947-1, pages 367-379, XP055381052 * abstract; figures 1, 2, 4-6 * * sections II, III, V *	1-12
A	US 2011029471 A1 (CHAKRADHAR SRIMAT [US] ET AL) 03 February 2011 (2011-02-03) * paragraph [0013]; figure 4 *	1-12
A	EP 0422348 A2 (HNC INC [US]) 17 April 1991 (1991-04-17) * figure 16 *	1-12
A	US 2013097212 A1 (CAI MIKE M [US] ET AL) 18 April 2013 (2013-04-18) * abstract *	1-12
A	YEN-CHUN LIN ED - TUMEO ANTONINO ET AL: "ARRAY SIZE ANOMALY OF PROBLEM-SIZE INDEPENDENT SYSTOLIC ARRAYS FOR MATRIX-VECTOR MULTIPLICATION *" <i>PARALLEL COMPUTING, ELSEVIER, AMSTERDAM, NL</i> , 31 July 1991 (1991-07-31), vol. 17, no. 4 / 05, DOI: 10.1016/S0167-8191(05)80153-X, ISSN: 0167-8191, pages 515-522, XP000262060 * section 3 *	1-12

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search Berlin	Date of completion of the search 12 November 2019	Examiner Virnik, Elena
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CATEGORY OF CITED DOCUMENTS

X: particularly relevant if taken alone	P: intermediate document
Y: particularly relevant if combined with another document of the same category	T: theory or principle underlying the invention
A: technological background	E: earlier patent document, but published on, or after the filing date
O: non-written disclosure	D: document cited in the application
& : member of the same patent family, corresponding document	L: document cited for other reasons

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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on 12-11-2019
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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2011029471	A1	03-02-2011	NONE	
EP 0422348	A2	17-04-1991	EP 0422348 A2	17-04-1991
			JP H03131965 A	05-06-1991
			US 5138695 A	11-08-1992
			US 5471627 A	28-11-1995
US 2013097212	A1	18-04-2013	NONE	